# Ascend

# Navis Service Management

**FAQ**

## External

1. *What is Navis?*

   Navis™ is service management for the new public wide area networks.

2. *What is service management?*

   Service management is the ability to create and control data services, enabling fast and cost-effective deployment and ongoing management.

   a. For service providers, service management means the ability to create a variety of services that are targeted towards varied enterprise market segments with appropriate traffic management plans and price models.
   b. For enterprises, service management means new, public data services that are targeted and priced for real business needs that the enterprise can measure directly with access to network information.

   In addition, Navis delivers a host of "service enablers," such as customer network management support, scalability, service provider operational cost reduction and end-to-end network control that make real-life deployment and acceptance of these new services possible.

3. *What are some example services that Navis can enable?*

   Navis service management allows the Ascend hardware to be used to its full advantage, allowing for the creation of multiple services, such as:

   - VPNs for dial and WAN capacity
   - Varying classes of quality (premium, business class, coach) to meet varying traffic profiles and user business needs
   - Bandwidth on demand to meet varying transport requirements in real time
   - Secure networks that are managed

4. *What does the Navis family consist of?*

   There are three Navis software application families: NavisAccess™, NavisCore™, and NavisXtend™. Each manages a specific set of Ascend hardware.

   - The NavisAccess family of applications delivers superior management for the dial and dedicated portions of the network, providing extensive support for discovery and mapping, configuration, fault and performance management and security.
   - NavisCore operates in conjunction with HP OpenView to provide multiservice IP, Frame Relay, ATM and SMDS configuration and management of Ascend core switches from a single platform.
   - The NavisXtend family of applications extends the capabilities of NavisCore to bring additional features and cost-efficiencies to switch network operations, such as provisioning automation, intelligent fault handling and historical statistics storage.

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5.  *How do the different Navis applications work together?*

    For customers who use both access hardware and core switch hardware, the applications work side by side to deliver management capabilities. For example, the Navis applications can be run from a single UNIX workstation to deliver centralized management.

    There are plans to increase and tighten the integration between these applications, such as adding functionality to the Provisioning Server and Statistics Server applications to cover more of the access products. This integration is currently in the planning stages.

6.  *When do I use NavisCore, NavisXtend, and NavisAccess?*

    NavisAccess supports the following hardware platforms:

    - MAX TNT high density access concentrators,
    - MAX 4000 access concentrators and/or
    - Pipeline products

    NavisCore and NavisXtend support the following hardware platforms:

    - B-STDX 8/9000 and/or
    - STDX 6000 Frame Relay switches and/or
    - CBX 500 ATM switches and/or
    - GRF high-speed IP routers
    - SA 100/600 Broadband Access products

7.  *What platforms do the Navis products run on?*

    The NavisAccess products run on Windows NT and UNIX. NavisCore and NavisXtend run on UNIX. All products offer WEB-based access to information.

8.  *What is the availability of the Navis products?*

    NavisAccess, NavisCore, and NavisXtend products are all available today.

9.  *What does Navis stand for?*

    Navis means "to navigate" in Greek.

10. *Where do I find more information on the Navis products?*

    The Ascend WWW site contains a host of application notes, data sheets, feature lists and technical specifications for the Navis products. Your Ascend sales representative can also provide access to more detailed documentation.

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